

OCT 28 2004

Please type a plus sign (+) inside this box → +

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

10/622,963

Filing Date

July 17, 2003

First Named Inventor

Thierry Quillet

Group Art Unit

2839

Examiner Name

Hae M. Hyeon

Total Number of Pages in This Submission

17

Attorney Docket Number

229.023

## ENCLOSURES (check all that apply)

 Fee Transmittal Form Assignment Papers  
(for an Application) After Allowance Communication  
to Group Fee Attached Replacement Sheet Appeal Communication to Board of  
Appeals and Interferences Amendment /Reply Licensing-related Papers Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief) After Final Petition Proprietary Information Affidavits/declaration(s) Petition to Convert to a  
Provisional Application Status Letter  
 Other Enclosure(s) (please  
identify below): Extension of Time Request Change of Correspondence  
Address Express Abandonment Request Statutory Disclaimer Information Disclosure Statement Request for Refund Certified Copy of Priority  
Document(s) CD, Number of CD(s) Response to Notification of  
Missing Requirements Under 35  
USC 371

Remarks

 Response to Missing Parts  
under 37 CFR 1.52 or 1.53

DECLARATION

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual nameDavid D. Stein, Registration No. 40,828  
Boyle, Fredrickson, Newholm, Stein & Gratz, S.C.  
Customer No.: 23598

Signature

Date

October 25, 2004

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: October 25, 2004

Type or printed name

Dawn M. Oleszak

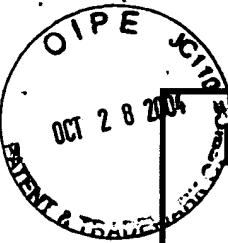
Signature

Date

October 25, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# FEE TRANSMITTAL for FY 2004

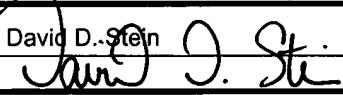
Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$482.00)

		Complete if Known	
Application Number		10/622,963	
Filing Date		July 17, 2003	
First Named Inventor		Thierry Quillet	
Examiner Name		Hae M. Hyeon	
Group Art Unit		2839	
Attorney Docket No.		229.023	

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																											
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account Deposit Account Number 50-1170 Deposit Account Name Boyle, Fredrickson, Newholm, Stein & Gratz S.C.				<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65 Surcharge – late filing fee or oath</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25 Surcharge – late provisional filing fee or cover sheet</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130 Non-English specification</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520 For filing a request for ex parte reexamination</td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920* Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840* Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55 Extension for reply within first month</td> </tr> <tr> <td>116</td> <td>430</td> <td>216</td> <td>215 Extension for reply within second month</td> </tr> <tr> <td>117</td> <td>980</td> <td>217</td> <td>490 Extension for reply within third month</td> </tr> <tr> <td>118</td> <td>1,530</td> <td>218</td> <td>765 Extension for reply within fourth month</td> </tr> <tr> <td>128</td> <td>2,080</td> <td>228</td> <td>1,040 Extension for reply within fifth month</td> </tr> <tr> <td>119</td> <td>340</td> <td>219</td> <td>170 Notice of Appeal</td> </tr> <tr> <td>120</td> <td>340</td> <td>220</td> <td>170 Filing a brief in support of an appeal</td> </tr> <tr> <td>121</td> <td>300</td> <td>221</td> <td>150 Request for oral hearing</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510 Petition to institute a public use proceeding</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55 Petition to revive – unavoidable</td> </tr> <tr> <td>141</td> <td>1,370</td> <td>241</td> <td>685 Petition to revive – unintentional</td> </tr> <tr> <td>142</td> <td>1,370</td> <td>242</td> <td>685 Utility issue fee (or reissue)</td> </tr> <tr> <td>143</td> <td>490</td> <td>243</td> <td>245 Design issue fee</td> </tr> <tr> <td>144</td> <td>660</td> <td>244</td> <td>330 Plant issue fee</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130 Petitions to the Commissioner</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50 Processing fee under 37 CFR 1.17(q)</td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180 Submission of Information Disclosure Stmt</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40 Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>146</td> <td>790</td> <td>246</td> <td>395 Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>149</td> <td>790</td> <td>249</td> <td>395 For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td>179</td> <td>790</td> <td>279</td> <td>395 Request for Continued Examination (RCE)</td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900 Request for expedited examination of a design application</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Paid		Fee	Fee	Fee	Fee	105	130	205	65 Surcharge – late filing fee or oath	127	50	227	25 Surcharge – late provisional filing fee or cover sheet	139	130	139	130 Non-English specification	147	2,520	147	2,520 For filing a request for ex parte reexamination	112	920*	112	920* Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	115	110	215	55 Extension for reply within first month	116	430	216	215 Extension for reply within second month	117	980	217	490 Extension for reply within third month	118	1,530	218	765 Extension for reply within fourth month	128	2,080	228	1,040 Extension for reply within fifth month	119	340	219	170 Notice of Appeal	120	340	220	170 Filing a brief in support of an appeal	121	300	221	150 Request for oral hearing	138	1,510	138	1,510 Petition to institute a public use proceeding	140	110	240	55 Petition to revive – unavoidable	141	1,370	241	685 Petition to revive – unintentional	142	1,370	242	685 Utility issue fee (or reissue)	143	490	243	245 Design issue fee	144	660	244	330 Plant issue fee	122	130	122	130 Petitions to the Commissioner	123	50	123	50 Processing fee under 37 CFR 1.17(q)	126	180	126	180 Submission of Information Disclosure Stmt	581	40	581	40 Recording each patent assignment per property (times number of properties)	146	790	246	395 Filing a submission after final rejection (37 CFR § 1.129(a))	149	790	249	395 For each additional invention to be examined (37 CFR § 1.129(b))	179	790	279	395 Request for Continued Examination (RCE)	169	900	169	900 Request for expedited examination of a design application
Large Entity	Small Entity	Fee Paid																																																																																																																													
Fee	Fee	Fee	Fee																																																																																																																												
105	130	205	65 Surcharge – late filing fee or oath																																																																																																																												
127	50	227	25 Surcharge – late provisional filing fee or cover sheet																																																																																																																												
139	130	139	130 Non-English specification																																																																																																																												
147	2,520	147	2,520 For filing a request for ex parte reexamination																																																																																																																												
112	920*	112	920* Requesting publication of SIR prior to Examiner action																																																																																																																												
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action																																																																																																																												
115	110	215	55 Extension for reply within first month																																																																																																																												
116	430	216	215 Extension for reply within second month																																																																																																																												
117	980	217	490 Extension for reply within third month																																																																																																																												
118	1,530	218	765 Extension for reply within fourth month																																																																																																																												
128	2,080	228	1,040 Extension for reply within fifth month																																																																																																																												
119	340	219	170 Notice of Appeal																																																																																																																												
120	340	220	170 Filing a brief in support of an appeal																																																																																																																												
121	300	221	150 Request for oral hearing																																																																																																																												
138	1,510	138	1,510 Petition to institute a public use proceeding																																																																																																																												
140	110	240	55 Petition to revive – unavoidable																																																																																																																												
141	1,370	241	685 Petition to revive – unintentional																																																																																																																												
142	1,370	242	685 Utility issue fee (or reissue)																																																																																																																												
143	490	243	245 Design issue fee																																																																																																																												
144	660	244	330 Plant issue fee																																																																																																																												
122	130	122	130 Petitions to the Commissioner																																																																																																																												
123	50	123	50 Processing fee under 37 CFR 1.17(q)																																																																																																																												
126	180	126	180 Submission of Information Disclosure Stmt																																																																																																																												
581	40	581	40 Recording each patent assignment per property (times number of properties)																																																																																																																												
146	790	246	395 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																												
149	790	249	395 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																												
179	790	279	395 Request for Continued Examination (RCE)																																																																																																																												
169	900	169	900 Request for expedited examination of a design application																																																																																																																												
The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				<b>FEE CALCULATION</b> <b>1. BASIC FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>790</td> <td>201</td> <td>395 Utility filing fee</td> </tr> <tr> <td>106</td> <td>350</td> <td>206</td> <td>175 Design filing fee</td> </tr> <tr> <td>107</td> <td>550</td> <td>207</td> <td>275 Plant filing fee</td> </tr> <tr> <td>108</td> <td>790</td> <td>208</td> <td>395 Reissue filing fee</td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80 Provisional filing fee</td> </tr> </tbody> </table> <b>SUBTOTAL (1) (\$0)</b>				Large Entity	Small Entity	Fee Paid		Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	790	201	395 Utility filing fee	106	350	206	175 Design filing fee	107	550	207	275 Plant filing fee	108	790	208	395 Reissue filing fee	114	160	214	80 Provisional filing fee																																																																																												
Large Entity	Small Entity	Fee Paid																																																																																																																													
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																												
101	790	201	395 Utility filing fee																																																																																																																												
106	350	206	175 Design filing fee																																																																																																																												
107	550	207	275 Plant filing fee																																																																																																																												
108	790	208	395 Reissue filing fee																																																																																																																												
114	160	214	80 Provisional filing fee																																																																																																																												
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>-20**=</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <th>Independent Claims</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>26</td> <td>-20**=</td> <td>6</td> <td>x 18.00</td> <td>= 108.00</td> </tr> <tr> <td>7</td> <td>- 4 * =</td> <td>3</td> <td>x 88.00</td> <td>= 264.00</td> </tr> <tr> <td colspan="4"></td> <td>=</td> </tr> </tbody> </table> <b>Multiple Dependent</b>				Total Claims	-20**=	Extra Claims	Fee from below	Fee Paid	Independent Claims					26	-20**=	6	x 18.00	= 108.00	7	- 4 * =	3	x 88.00	= 264.00					=	<b>Fee Description</b> Large Entity Small Entity <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th colspan="2">Fee Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9 Claims in excess of 20</td> <td colspan="2"></td> </tr> <tr> <td>102</td> <td>88</td> <td>202</td> <td>44 Independent claims in excess of 3</td> <td colspan="2"></td> </tr> <tr> <td>104</td> <td>300</td> <td>204</td> <td>150 Multiple dependent claim, if not paid</td> <td colspan="2"></td> </tr> <tr> <td>109</td> <td>88</td> <td>209</td> <td>44 **Reissue independent claims over original patent</td> <td colspan="2"></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9 **Reissue claims in excess of 20 and over original patent</td> <td colspan="2"></td> </tr> </tbody> </table> <b>SUBTOTAL (2) (\$372.00)</b>				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		103	18	203	9 Claims in excess of 20			102	88	202	44 Independent claims in excess of 3			104	300	204	150 Multiple dependent claim, if not paid			109	88	209	44 **Reissue independent claims over original patent			110	18	210	9 **Reissue claims in excess of 20 and over original patent																																																													
Total Claims	-20**=	Extra Claims	Fee from below	Fee Paid																																																																																																																											
Independent Claims																																																																																																																															
26	-20**=	6	x 18.00	= 108.00																																																																																																																											
7	- 4 * =	3	x 88.00	= 264.00																																																																																																																											
				=																																																																																																																											
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																																																																																																											
103	18	203	9 Claims in excess of 20																																																																																																																												
102	88	202	44 Independent claims in excess of 3																																																																																																																												
104	300	204	150 Multiple dependent claim, if not paid																																																																																																																												
109	88	209	44 **Reissue independent claims over original patent																																																																																																																												
110	18	210	9 **Reissue claims in excess of 20 and over original patent																																																																																																																												
** or number previously paid, if greater; For Reissues, see above				Other fee (specify) _____ *Reduced by Basic Filing Fee Paid <b>SUBTOTAL (3) (\$110.00)</b>																																																																																																																											

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	David D. Stein	Registration No. (Attorney/Agent)	40,828	Telephone 414-225-9755
Signature				Date 10/25/2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.